IE-3010-16S-8PC
Datasheet

Overview

IE-3010-16S-8PC is the Cisco IE 3010 Switch, providing 16 100SFP, 8 10/100 PoE, 2 GE combo uplinks, no PSU included. Cisco Industrial Ethernet 3010 Series (IE 3010) is a family of rack-mount L2/L3 switches provide fiber SFP layer 3 aggregation and Power over Ethernet (PoE) configurations in the harsh industrial environment. It brings Cisco's leadership in switching to industrial Ethernet application with innovative features, robust security, and end-to-end Ethernet in the industrial network.
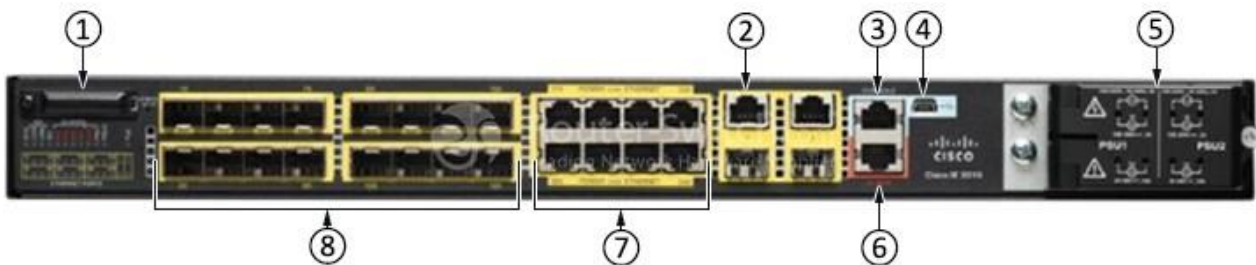
Quick Spec

Table 1 shows the quick spec.

Model	IE-3010-16S-8PC
Ports	16 Fast Ethernet SFP ports, 8 10/100BASETX/PoE ports, and 2 dual-purpose Gigabit Ethernet uplink ports. (each dual-purpose uplink port has one 10/100/1000 Ethernet port and one SFP-based Gigabit Ethernet port, one port active)
Performance and scalability	• Wire-speed switching, 8 Gbps switching fabric • Forwarding rate based on 64-byte packets: 6.5 Mpps • 256 MB DDR2 SDRAM • 1 GB SD Flash memory (128 MB enabled) • Layer 2 LAN Base image supports 255 Vlans, 2000 MAC addresses, 256 IGMP groups. •Layer 3 IP Services image supports 1000 Vlans, 3000 MAC addresses, 1000 IGMP groups, 3000 unicast routes •Configurable maximum transmission unit (MTU) of up to 9000 bytes, with a maximum Ethernet frame size of 9018 bytes (jumbo frames) for bridging on Gigabit Ethernet ports, and up to 1998 bytes for bridging on both Fast Ethernet ports
Dimensions (H x W x D)	1.75 x 17.5 x 14.0 in. (4.45 x 44.5 x 35.6 cm), 1RU (rack unit) height
Weight	10 lb (4.5kg) (without power supply unit)

Product Details

Figure 1 shows the front view of this switch.

Note:

(1)	SD flash memory card slot	(5)	Power-input terminal
(2)	Dual purpose ports	(6)	Alarm port
(3)	RJ-45 console port	(7)	10/100 PoE ports
(4)	USB (mini-Type B) console port	(8)	100BASE-FX SFP ports

Figure 2 shows the rear view.

Supported Products

Table 2 shows the accessories.

Model	Description
PWR-RGD-LOW-DC/IA	Low DC (24/48V) power supply module for the IE-3010 switch (available Q1 CY2011)
PWR-RGD-AC-DC/IA	High AC/DC (88-300VDC/85-264VAC) power supply module for the IE-3010 switch
SD-IE-1GB	Spare 1 GB SD flash memory card
CAB-CONSOLE-RJ45	Spare console cable 6 ft with RJ45 and DB9F
CAB-CONSOLE-USB	Spare console cable 6 ft with USB Type A and mini-B
GLC-SX-MM-RGD	Rugged Gigabit Ethernet SFP, LC connector, multimode fiber, 220-550 m
GLC-LX-SM-RGD	Rugged Gigabit Ethernet SFP, LC connector, single mode fiber, 550 m - 10 km
GLC-ZX-SM-RGD	Rugged Gigabit Ethernet SFP, LC connector, single mode fiber, 70 km
GLC-FE-100FX-RGD	Rugged Fast Ethernet SFP, LC connector, multimode fiber, 2 km
GLC-FE-100LX-RGD	Rugged Fast Ethernet SFP, LC connector, single mode fiber, 10 km

Compare to Similar Items

Table 3 shows the comparison.

Model	IE-3010-24TC	IE-3010-16S-8PC
Ports	24 10/100BASETX ports and two dual-purpose Gigabit Ethernet uplink ports. (each dual-purpose uplink port has one 10/100/1000 Ethernet port and one SFP-based Gigabit Ethernet port, one port active)	16 Fast Ethernet SFP ports, 8 10/100BASETX/PoE ports, and 2 dual-purpose Gigabit Ethernet uplink ports. (each dual- purpose uplink port has one 10/100/1000 Ethernet port and one SFP-based Gigabit Ethernet port, one port active)

Performance and scalability	• Wire-speed switching, 8 Gbps switching fabric • Forwarding rate based on 64-byte packets: 6.5 Mpps • 256 MB DDR2 SDRAM • 1 GB SD Flash memory (128 MB enabled) •Layer 2 LAN Base image supports 255 Vlans, 2000 MAC addresses, 256 IGMP groups. •Layer 3 IP Services image supports 1000 Vlans, 3000 MAC addresses, 1000 IGMP groups, 3000 unicast routes •Configurable maximum transmission unit (MTU) of up to 9000 bytes, with a maximum Ethernet frame size of 9018 bytes (jumbo frames) for bridging on Gigabit Ethernet ports, and up to 1998 bytes for bridging on both Fast Ethernet ports	•Wire-speed switching, 8 Gbps switching fabric • Forwarding rate based on 64-byte packets: 6.5 Mpps • 256 MB DDR2 SDRAM • 1 GB SD Flash memory (128 MB enabled) •Layer 2 LAN Base image supports 255 Vlans, 2000 MAC addresses, 256 IGMP groups. •Layer 3 IP Services image supports 1000 Vlans, 3000 MAC addresses, 1000 IGMP groups, 3000 unicast routes •Configurable maximum transmission unit (MTU) of up to 9000 bytes, with a maximum Ethernet frame size of 9018 bytes (jumbo frames) for bridging on Gigabit Ethernet ports, and up to 1998 bytes for bridging on both Fast Ethernet ports
Dimensions (H x W x D)	1.75 x 17.5 x 14.0 in. (4.45 x 44.5 x 35.6 cm), 1RU (rack unit) height	1.75 x 17.5 x 14.0 in. (4.45 x 44.5 x 35.6 cm), 1RU (rack unit) height
Weight	9.1 lb (4.1kg) (without power supply unit)	10 lb (4.5kg) (without power supply unit)

Ordering Guide

Get More Information

Do you have any question about the Cisco C9410R?

Contact us now via **Live Chat** or sales@gntme.com

Specification

IE-3010-16S-8PC Specification	
Ports	16 Fast Ethernet SFP ports, 8 10/100BASETX/PoE ports, and 2 dual-purpose Gigabit Ethernet uplink ports. (each dual-purpose uplink port has one 10/100/1000 Ethernet port and one SFP-based Gigabit Ethernet port, one port active)
Performance and scalability	• Wire-speed switching, 8 Gbps switching fabric • Forwarding rate based on 64-byte packets: 6.5 Mpps • 256 MB DDR2 SDRAM • 1 GB SD Flash memory (128 MB enabled) • Layer 2 LAN Base image supports 255 Vlans, 2000 MAC addresses, 256 IGMP groups. •Layer 3 IP Services image supports 1000 Vlans, 3000 MAC addresses, 1000 IGMP groups, 3000 unicast routes •Configurable maximum transmission unit (MTU) of up to 9000 bytes, with a maximum Ethernet frame size of 9018 bytes (jumbo frames) for bridging on Gigabit Ethernet ports, and up to 1998 bytes for bridging on both Fast Ethernet ports
Dimensions (H x W x D)	1.75 x 17.5 x 14.0 in. (4.45 x 44.5 x 35.6 cm), 1RU (rack unit) height
Weight	10 lb (4.5kg) (without power supply unit)
Connectors and cabling	10/100 ports: •10/100BASE-TX ports: RJ-45 connectors, 2-pair Category 5 unshielded twisted pair (UTP) or shielded twisted pair (STP) cabling • 100FX SFP ports (IE-3010-16S-8PC only): •100BASE-FX, -LX, -ZX, and -BX10: Duplex LC receptacle fiber connectors (multimode and single mode) Gigabit ports: • 10/100/1000BASE-T ports: RJ-45 connectors, 4-pair Category 5 UTP/STP cabling •1000BASE-SX, -LX/LH, -ZX, and -BX10: Duplex LC receptacle fiber connectors (multimode and single-mode fiber) Console ports: • Management console port: RJ45 connector for serial connection • Management console port: USB mini type B connector for USB connection

Indicators	• Per-port status LEDs: Link integrity, port disabled, and activity indications • System-status LED: System activity, system integrity, • Alarm-in status LEDs: Four alarm inputs status indicator • Alarm-out status LED: Alarm status indicator • Power supply unit LED: Power output integrity and power supply presence • PoE (IE-3010-16S-8PC only): PoE activity, PoE integrity, and PoE disabled • SD Flash LED: SD flash integrity and SD flash presence • RS232 LED: RS232 console selection • USB LED: USB console selection
Environmental ranges	• -40 ºF to 140ºF (-40 to +60ºC) continuous operating temperature range • -40 ºF to 185ºF (-40 to +85ºC) type test for 16 hours at 85ºC • Operating altitude: 3000 m (9843 ft) at 40ºC (104ºF) • Operating relative humidity: 5% to 95% noncondensing
Storage and transportation	• Temperature: -40 ºF to 185ºF (-40 to +85 ºC) • Altitude: 15,000 ft (4570 m) • Relative humidity: 5% to 95% noncondensing
Mean time between failure (MTBF)	• Cisco IE-3010-24TC: 207,731 hrs • Cisco IE-3010-16S-8PC: 230,112 hrs
Warranty	Five years limited warranty

Want to Buy

[Order Now]   [Get a Quote]

Why Gntme.com

As a leading network hardware supplier, gntme.com focuses on original new ICT equipment of Cisco, Huawei, HPE, Dell, Hikvision, Juniper, Fortinet, etc.

200+
Countries we Sold

18,000+
Customers Trusted

$20,000,000
Inventory Available

50%-98%
Off Global List Price

100%
Safe Online Shopping

Contact Us

- Tel: +971 503823786 /+971 42409998
- Email:sales@gntme.com